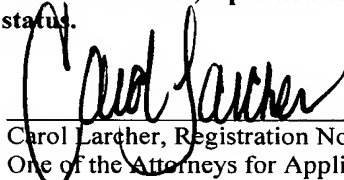


U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 AND 37 CFR 1.491		ATTORNEY DOCKET NO. 43512-103808 U.S. APPLICATION NO. 10/567,766
INTERNATIONAL APPLICATION NO. PCT/JP2004/011488	INTERNATIONAL FILING DATE 10 August 2004 (10.08.2004)	PRIORITY DATE CLAIMED 11 August 2003 (11.08.2003)
TITLE OF INVENTION NOVEL VACCINE CONTAINING ADJUVANT CAPABLE OF INDUCING MUCOSAL IMMUNITY		
APPLICANT(S) FOR DO/EO/US Hasegawa et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.		
2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)).		
4. <input type="checkbox"/> The US has been elected (PCT Article 31).		
5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
11. Nucleotide and/or Amino Acid Sequence Submission <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper Copy c. <input type="checkbox"/> Statement verifying identity of above copies 		
Items 12 to 19 below concern other document(s) or information included:		
12. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of Listed Documents 		
13. <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
14. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.		
15. <input type="checkbox"/> A substitute specification.		
16. <input checked="" type="checkbox"/> Power(s) of Attorney and Statement Under 37 CFR 3.73(b).		
17. <input checked="" type="checkbox"/> Application Data Sheet Under 37 CFR 1.76		
18. <input type="checkbox"/> Return Receipt Postcard		
19. <input checked="" type="checkbox"/> Other items or information: Copy of Notification of Missing Requirements; Communication; Statement Regarding Sequence Listing.		

U.S. APPLICATION NO. 10/567,766		INTERNATIONAL APPLICATION NO. PCT/JP2004/011488		ATTORNEY DOCKET NO. 43512-103808	
The following fees are submitted:				Calculations	PTO Use Only
20. <input type="checkbox"/> a) Basic national fee (37 CFR 1.492(a))\$300.00				\$	
21. <input type="checkbox"/> b) Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00 All other situations\$200.00				\$	
22. <input type="checkbox"/> c) Search fee If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400.00 All other situations.....\$500.00				\$	
TOTAL OF 20, 21 & 22 =				\$0.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100=	/50=		x \$250.00	\$	
<input checked="" type="checkbox"/> Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	-20=		x \$50.00	\$	
Independent Claims	- 3 =		x \$200.00	\$	
<input type="checkbox"/> Multiple Dependent Claim(s) (if applicable)			+ \$360.00	\$0.00	
TOTAL OF ABOVE CALCULATIONS=				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL=				\$130.00	
<input type="checkbox"/> Processing fee of \$130.00 for furnishing English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date.				\$	
TOTAL NATIONAL FEE=				\$	
<input checked="" type="checkbox"/> Applicants petition for a one-month extension of time under 37 CFR 1.136, the fee for which is \$120.00.				\$120.00	
TOTAL FEE ENCLOSED=				\$250.00	
				Amount to be: refunded	\$
				charged:	\$
a. <input type="checkbox"/> A check in the amount of \$ to cover the above fee is enclosed. b. <input checked="" type="checkbox"/> Please charge Deposit Account No. 12-0913 in the amount of \$250.00 to cover the above fees. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-0913.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:			 Carol Larcher, Registration No. 35,243 One of the Attorneys for Applicant(s) Date: December 29, 2006		
Customer Number: 23644					
Barnes & Thornburg LLP					
P.O. Box 2786					
Chicago, Illinois 60690-2786					

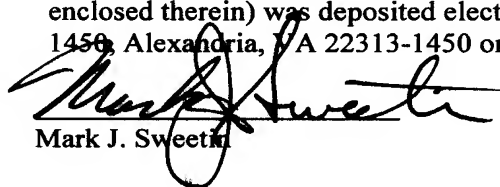
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43512-103808

Certification under 37 CFR 1.8

I hereby certify that this correspondence (and any documents referred to as attached or enclosed therein) was deposited electronically via EFS-Web to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 29, 2006.



Mark J. Sweet